



5...4...3...2...1...

# SPACE LAUNCH SYSTEM

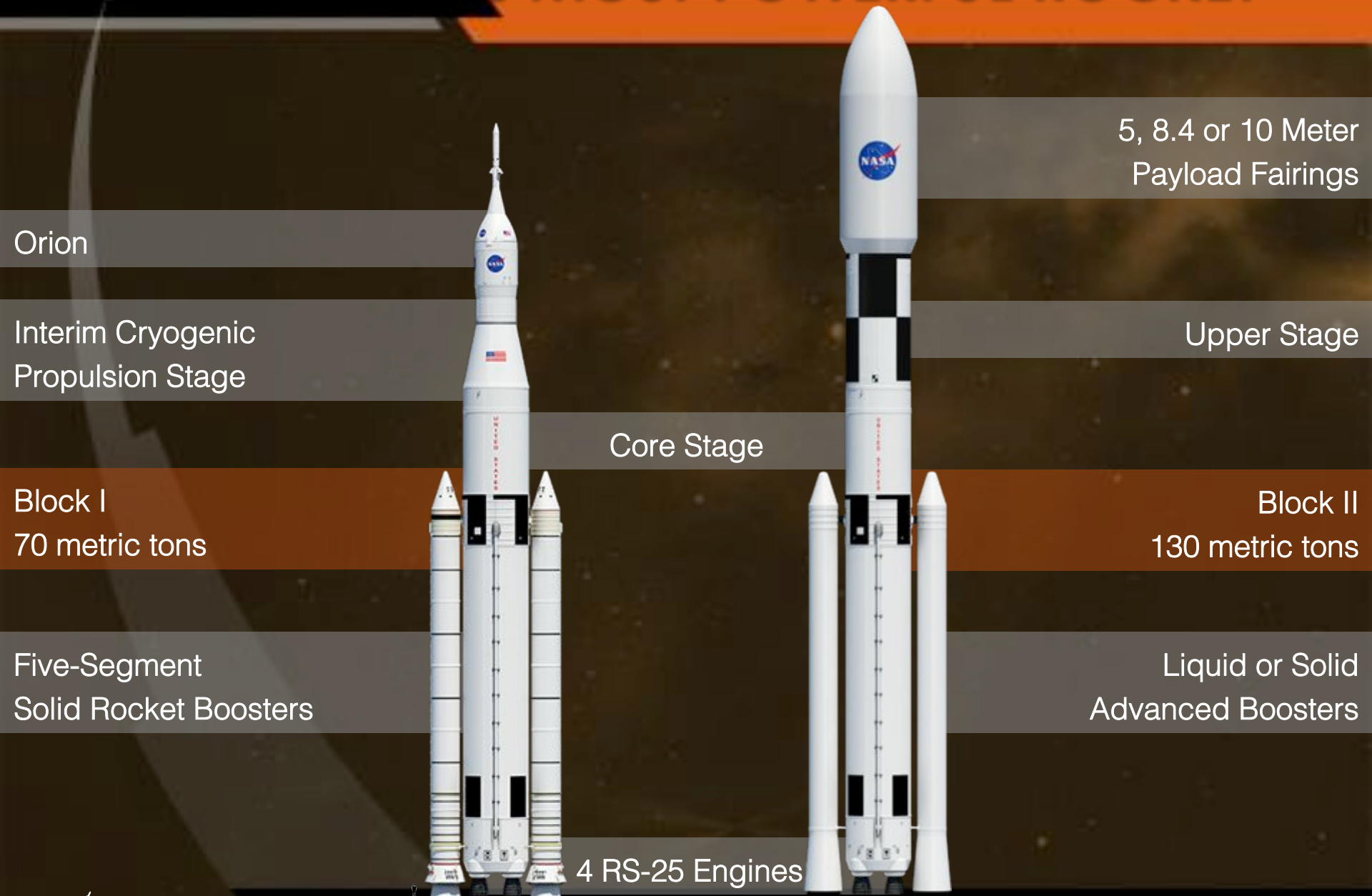
Steve Creech, Deputy Manager  
*SLS Spacecraft/Payload Integration & Evolution*



# JOURNEY TO MARS



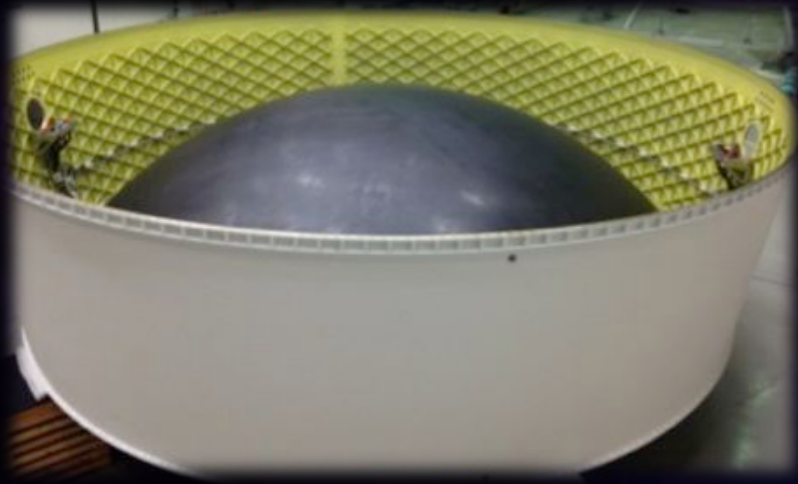
# THE WORLD'S MOST POWERFUL ROCKET





# SLS FIRST FLIGHT HARDWARE FLOWN

**MPCV Stage Adapter (MSA) flown on Orion's First Flight!**  
*December 5, 2014*



# SLS CORE STAGE PROGRESS





# FIRST RS-25 ENGINE FIRING

RS-25 Engine tested at Stennis Space Center  
*January 9, 2015*



# BOOSTER'S FIRST FIRING

SLS Booster test firing Qualification Motor 1 (QM-1)



Orbital ATK  
Promontory, Utah

# PEGASUS BARGE PROGRESS

**Renovations are nearing completion on the Pegasus barge that will transport the Core Stage.**





# UPCOMING WORK



LVSA Production



Test Stand Completion



Structural Test Article Welding

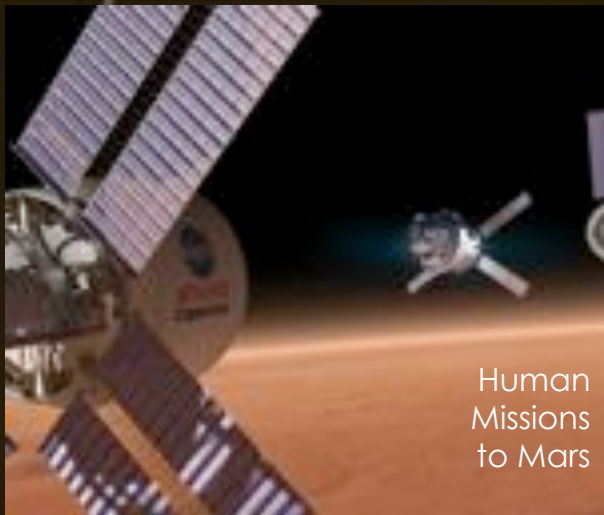


Pegasus Barge Refurbishment



Qualification Motor Testing

# GAME-CHANGING POWER FOR EXPLORATION



Human  
Missions  
to Mars



Mars Sample  
Return



Europa Exploration



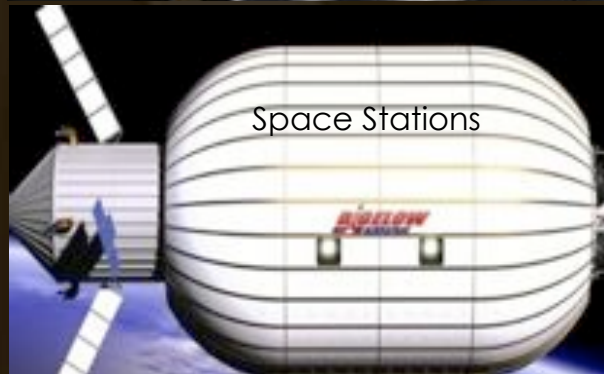
Asteroid  
Redirect Mission



Ultra-Large Space Telescopes

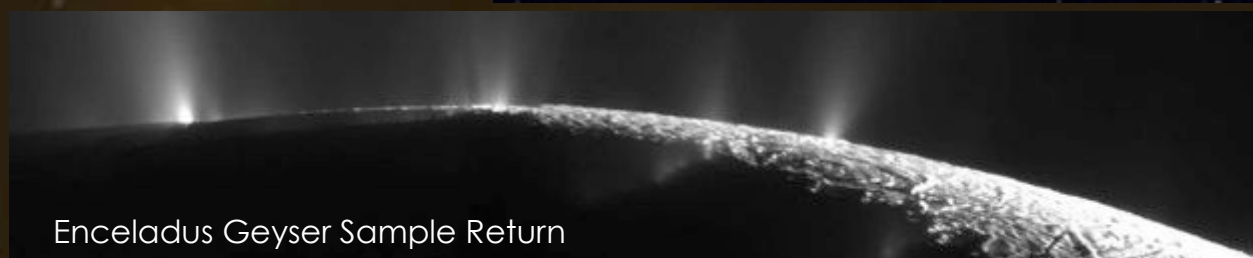


Interstellar Probe



Space Stations

NASA's Space Launch System



Enceladus Geyser Sample Return





[www.nasa.gov/sls](http://www.nasa.gov/sls)

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